

____ The present invention relates generally to [a container] articles for housing and protecting sensitive items and, more particularly, to a container having equipment for monitoring conditions inside the container and reporting the same to a user.

Please amend page 1, paragraph 3, to read as follows:

- - **BACKGROUND OF THE INVENTION** - -

____ Thermally insulated containers are typically used to store and transport temperature sensitive items [that are sensitive to temperature and]. Temperatures within such containers must, therefore, be maintained within predetermined [temperature] ranges. [Such] The items may include goods such as vaccines and drugs, human organs for transplant, tissue cultures, chilled [and] or frozen foods and many other products, some of which [have an extremely] are of extraordinarily high value and are [very] extremely sensitive to changes in temperature [changes]. For these reasons, [It] it is considered essential that such products [are] be maintained within [the] appropriate temperature ranges during storage, transportation and/or use.

Please amend page 2, paragraph 4, to read as follows:

- - **OBJECTS AND SUMMARY OF THE INVENTION** - -

[Objects and summary of the invention]

Accordingly, it is an object of the present invention is to provide a container that [mitigates at least some of the aforementioned disadvantages] maintains its contents within an acceptable temperature range after the container has been subjected to changes in external conditions, while facilitating notification and intervention by the user to prevent temperatures w ithin t he c ontainer from m igrating b eyond s elected t emperature ranges.

Please amend the paragraph beginning after the fourth full paragraph on page 2 and ending before the first full paragraph on page 3, to read as follows:

According to one aspect of the present invention, there is provided a container including a payload volume, a sensor for measuring a[n] selected environmental condition within the payload volume, and a telecommunications device [adapted to] for transmitting data relating to the environmental condition [measured by the sensor] to a computerized monitoring system via a telecommunications network.

Please amend page 3, fifth full paragraph, to read as follows:

The telecommunications device is desirably connected to the recorder device and [is] arranged [to] for transmitting data stored in the recorder device to the computerized monitoring system. Preferably, the telecommunications device is a cellular telephonic device.

Please amend page 3, sixth full paragraph, to read as follows:

In addition, it is preferred that the [The] container include[s] a switch device for deactivating the telecommunications device. In one embodiment, [The] the switch device is arranged to deactivate the telecommunications device in response to the detector device's detecting an electrical system that operates within the predetermined parameters. The switch device is used, for example, to prevent operation of the telecommunications device when the container is loaded onto an aircraft or is in close proximity to an aircraft, since operation of the telecommunications device can interfere with [the] avionic systems on the aircraft.

Please amend page 7, seventh full paragraph, to read as follows:

- - BRIEF DESCRIPTION OF THE DRAWINGS - -

A[n] specific, illustrative container [embodiment of], in accordance with the present invention will now be described with reference to the accompanying drawings, by way of example only, in which:

Please amend page 7, eighth full paragraph, as follows:

[Figure] FIG. 1 is a perspective view of a thermally insulated container, according to one aspect of the present invention;

Please amend page 7, ninth full paragraph, to read as follows:

[Figure] FIG. 2 is a schematic view of the container [of] shown in [figure] FIG. 1,
with a telecommunications network and a computeri[s]zed monitoring system;

Please amend page 7, tenth full paragraph, to read as follows:

[Figure] FIG. 3a is a schematic view of a switch device, according to one aspect
of the present invention;

Please amend page 7, eleventh full paragraph, to read as follows:

[Figure] FIG. 3b is a logic table [relating to the] showing output of the switch
device of [figure] FIG. 3a;

Please amend page 8, paragraph 1, to read as follows:

[Figure] FIG. 4 is a circuit diagram of the switch device [of figure] shown in FIG.
3a; and

Please amend page 8, paragraph 2, to read as follows:

[Figure] FIG. 5 is a graph showing the frequency response of a 400_Hz Band Pass Filter, according to one aspect of the present invention.

Please add the following new paragraph after paragraph 2 on page 8:

- - The same numerals are used throughout the drawing figures to designate similar elements. Still other objects and advantages of the present invention will become apparent from the following description of the preferred embodiments. - -

Please amend page 8, paragraph 3, to read as follows:

-- DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS --

Referring now to the drawings and, more particularly, to FIGS. 1-5, there is shown generally a specific, illustrative container, in accordance with the present invention. According to one embodiment, illustrated in [Figure] FIG. 1, [shows] a thermally insulated container 1 is provided. The container is preferably designed [specifically] for use in transporting goods that must necessarily be maintained at a temperature [of] between about + 2°C and about + 8°C, [such as,] for example, vaccines and transplant organs. As will be understood by those skilled in the art, [C]containers suitable for [different] operation at other temperatures will be generally similar in construction, but may be modified [to] suitably for maintaining the required temperatures. For [example] instance, [for] with some applications, the internal temperature must be maintained [in

7

the] generally within a range of + 20°C [to] and + 30°C, whereas for other applications, the internal temperature must be maintained at approximately - 80°C.

Please add the following new paragraph after the fourth full paragraph on page 13:

- - Various modifications and alterations to the invention may be appreciated based on a review of this disclosure. These changes and additions are intended to be within the scope and spirit of the invention as defined by the following claims. - -

Please amend page 17, paragraph 1, to read as follows:

- - **ABSTRACT OF THE DISCLOSURE** - -

[Abstract]

[A CONTAINER]

A container [(1) including] is provided having a payload volume that, in use, [is to] maintains at least one environmental condition [with]in the payload volume within a predetermined range of values, a sensor [(13)] for measuring the environmental condition within the payload volume, and a telecommunications device [(19) adapted to] for transmitting data relating to the environmental condition [measured by the sensor (13)] to a computerized monitoring system via a telecommunications network.

[(Fig. 2)]